

FORM PTO-1392 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 2-2005)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

BIP-0010

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

NYA

**10/535003**INTERNATIONAL APPLICATION NO.  
PCT/KR2003/002323INTERNATIONAL FILING DATE  
10/31/2003PRIORITY DATE CLAIMED  
11/12/2002

## TITLE OF INVENTION

DATA SEARCHING METHOD AND INFORMATION DATA SCRAPPING METHOD USING INTERNET

## APPLICANT(S) FOR DO/EO/US

Jeong-Bum PYUN, Won-Jun PARK

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV582716495US
23. ☒ Other items or information:

Claim for Priority

Limited Recognition Under 37 C.F.R. Sec. 11.9(b)

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/535003</b>		INTERNATIONAL APPLICATION NO. <b>PCT/KR2003/002323</b>		ATTORNEY'S DOCKET NUMBER <b>BIP-0010</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee		\$300	\$	\$300.00	
25. <input checked="" type="checkbox"/> Examination fee	If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).			\$	\$200.00
		\$100			
		\$200			
26. <input checked="" type="checkbox"/> Search fee	Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$	\$500.00
		\$100			
		\$400			
		\$500			
<b>TOTAL OF 24, 25 and 26 =</b>				\$	\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
33 - 100 =	0 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	41 - 20 =	21	x \$50.00	\$	\$1,050.00
Independent claims	2 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	\$2,050.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$1,025.00
<b>SUBTOTAL =</b>				\$	\$1,025.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
<b>TOTAL NATIONAL FEE =</b>				\$	\$1,025.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
<b>TOTAL FEES ENCLOSED =</b>				\$	\$1,025.00
				<b>Amount to be</b>	\$
				<b>Amount to be</b>	\$

a. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 06-1130 in the amount of \$1,025.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

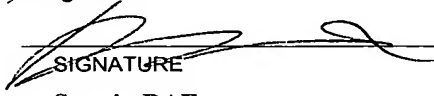
c. ☒ The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1130. A duplicate copy of this sheet is enclosed.

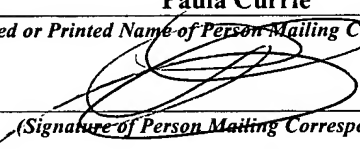
d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Soonja BAE  
Cantor Colburn LLP  
55 Griffin Road South  
Bloomfield, CT 06002  
Telephone No. 860-286-2929/Facsimile No. 860-286-0115  
Date: May 12, 2005

  
 SIGNATURE  
 Soonja BAE  
 NAME  
 PLEASE SEE ATTACHED  
 REGISTRATION NUMBER

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			Docket No. BIP-0010	
Applicant(s): Jeong-Bum PYUN, et al.				
Application No. NYA	Filing Date 5/12/2005	Examiner NYA	Customer No. 23413	Group Art Unit NYA
Invention: DATA SEARCHING METHOD AND INFORMATION DATA SCRAPPING METHOD USING INTERNET				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px;"><p>Transmittal Ltr To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371, PCT Appl, Drawings, Prelim Amend, Int'l Search Rpt, Exec Decl and POA, Recordation Form Cover Sheet w/Assig, Claim for Priority, Ltd. Recognition Under 37 C.F.R §11.9(b), IDS, Form PTO-1449 w/8 cited refs., Auth to debit and/or cr. DepAcct. No. 06-1130 - Filing Fee-\$ 1,025.00- Recordation Fee \$40.00 and Postcard Receipt</p><p style="text-align: center;"><i>(Identify type of correspondence)</i></p></div> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <p style="text-align: center;"><u>May 12, 2005</u> <i>(Date)</i></p> <div style="text-align: center;"><p><u>Paula Currie</u> <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p><p> <i>(Signature of Person Mailing Correspondence)</i></p><p><u>EV582716495US</u> <i>("Express Mail" Mailing Label Number)</i></p></div>				
<p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>				